IN THE CLAIMS:

1   1. (currently amended) A video system comprising:

2   a system controller module, <u>consisting of one tuner, wherein the</u>

3   <u>single tuner is configured to receive and process one or more input signals</u>

4   <u>and provide one or more video signals, with at least one processor module</u>

5   <u>coupled to the single tuner, wherein the at least one processor module is</u>

6   <u>configured to receive and process the one or more video signals from the</u>

7   <u>single tuner and to provide at least one output video signal, with a decoder</u>

8   <u>coupled to the single tuner, wherein the decoder is configured to receive</u>

9   <u>and decode the one or more video signals from the single tuner to provide</u>

10 <u>at least one decoded video file, and a memory unit configured to store the at</u>

11 <u>least one decoded video file, wherein the system controller module is</u>

12 operative to receive and process <u>the</u> one or more input signals to provide

13 <u>the</u> one or more video files, wherein the system controller module provides

14 a user-selectable option of editing one or more sections of the one or more

15 video files, and wherein the system controller module does not include a

16 separate program information receiver;

17   an internal fixed storage device operatively coupled to the system

18 controller module, wherein the internal fixed storage device is configured

19 to store the one or more video files from the system controller module; and

20   an internal removable media storage device operatively coupled to

21 the system controller module, wherein the internal removable media

22 storage device is configured to store the one or more video files from the

23 system controller module or the internal fixed storage device.

1   2. (canceled).

1   3. (canceled).

2

1   4. (currently amended) The video system of claim 3,1, wherein the system

2   controller module further includes:

3   a coder/decoder (Codec) operatively coupled to the decoder,

4   wherein the coder/decoder is configured to receive and compress the

5   decoded video file to provide a compressed video file suitable for storage to

6   the internal fixed storage device or the internal removable media storage

7   device.

1   5. (original) The video system of claim 4, wherein the Codec is configured

2   to compress the decoded file in accordance with a particular compression

3   algorithm selected from among a plurality of available compression

4   algorithms.

1   6. (original) The video system of claim 5, wherein the particular

2   compression algorithm is user-selectable.

1   7. (original) The video system of claim 1, wherein the system controller

2   module is further configurable to receive and process one or more video

3   files from the internal fixed storage device or the internal removable media

4   storage device.

1   8. (original) The video system of claim 1, wherein the system controller

2   module is further configurable to capture an interval of a particular input

3   signal and to store the captured data within a video file suitable for replay

4   at a later time.

1   9. (original) The video system of claim 8, wherein the interval of a

2   particular input signal is user-selectable.

1   10. (original) The video system of claim 1, wherein the system controller

2   module is further configurable to capture selected sections of a particular

3

3   input signal and to store the selected sections of a particular input signal

4   within a video file suitable for replay at a later time.

1   11. (original) The video system of claim 10, wherein the selected sections

2   of the input signal do not include advertisements.

1   12. (previously presented) The video system of claim 1, wherein the

2   system controller module is further configurable to manipulate sections of

3   at least one video file using optimized head movement via a set of

4   functions.

1   13. (original) The video system of claim 12, wherein the set of functions

2   includes functions selected from the group of functions consisting of cut,

3   copy, paste, or a combination thereof.

1   14. (original) The video system of claim 1, wherein each video file is

2   stored to the internal fixed storage device as one or more records.

1   15. (withdrawn) A method for storing video data to a storage device,

2   comprising:

3   forming one or more records implemented as a link list, wherein

4   each record includes a first field for storing an address of a next record, if

5   one exits, and a second field for storing at least a portion of the video data.

1   16. (withdrawn) The method of claim 15, wherein the one or more records

2   are implemented as a doubly-linked list, and wherein each record further

3   includes a third field for storing an address of a previous record, if one

4   exits.

1   17. (withdrawn) The method of claim 15, further comprising:

4

2   writing records for a first video file to a first area of the storage

3   device; and

4   reading records for a second video file from a second area of the

5   storage device.

1   18. (withdrawn) The method of claim 17, wherein the writing and reading

2   functions are substantially performed concurrently.

1   19. (withdrawn) The method of claim 18, further comprising:

2   synchronizing the writing and reading of the storage device.

1   20. (withdrawn) The method of claim 15, wherein the storage device

2   includes a plurality of platters, each platter includes a plurality of tracks,

3   and corresponding tracks on the plurality of platters comprise a cylinder.

1   21. (withdrawn) The method of claim 20, further comprising:

2   reading records for a first video file from a particular track on a first

3   platter of a particular cylinder; and

4   writing records for a second video file to a corresponding track on a

5   second platter of the particular cylinder.

1   22. (withdrawn) The method of claim 20, wherein each track includes a

2   plurality of sectors, and wherein each record is stored to one or more

3   sectors on one or more tracks.

1   23. (withdrawn) The method of claim 22, wherein each record is

2   partitioned into one or more sections, and wherein each section is stored to

3   a respective sector of the storage device.

1   24. (withdrawn) The method of claim 22, wherein the one or more sections

2   for each record are implemented as a doubly-linked list.

5

1   25. (withdrawn) The method of claim 22, wherein each record is stored as

2   a selectable number of sectors of the storage device.

1   26. (withdrawn) A video recording storage system, comprising:

2   a media content delivery system;

3   a first switch, coupled to the media content delivery system;

4   a second switch including a cable modem termination system,

5   wherein the second switch is coupled to the first switch;

6   a block splitter, coupled to the second switch and the cable modem

7   termination system;

8   one or more cable modems, wherein the one or more cable modems

9   are coupled to the block splitter;

10   one or more personal computers, coupled to the one or more cable

11   modems, respectively; and

12   one or more displays, coupled to the one or more personal

13   computers, respectively.

1   27. (withdrawn) The video recording storage system of claim 26, further

2   comprising a cable modem and a PowerTV operating system inside a

3   commercially available system.

6